

PATENT ABSTRACTS OF JAPAN

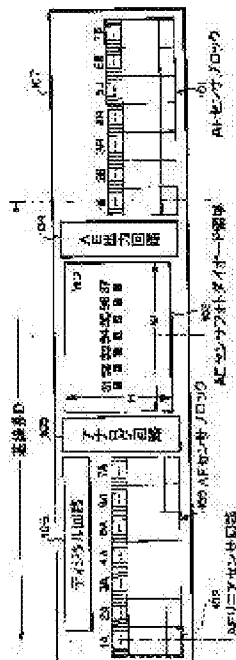
(11)Publication number : **2003-107340**

(43)Date of publication of application : **09.04.2003**

(51)Int.Cl. **G02B 7/34**
G01C 3/06
G03B 7/08
G03B 13/36
H01L 27/14
H01L 27/146
H04N 5/335

(21)Application number : **2001-297117** (71)Applicant : **CANON INC**
(22)Date of filing : **27.09.2001** (72)Inventor : **TAKAHASHI HIDEKAZU**

(54) **SOLID-STATE IMAGE PICKUP DEVICE FOR PHOTOMETRY AND AUTO-
FOCUSING AND IMAGE PICKUP DEVICE USING THE SAME**



(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problems that there is no technology for a multiple auto-focusing, also that appropriate exposure can not be obtained as a photometric function in a back-lighted state and that a photometric range is narrow because an output of a photometric sensor is a linear output. SOLUTION: A plurality of photoelectric transducer strings 1A to 7A and 1B to 7B for the multiple auto-focusing to a plurality of positions in a photographing area, photoelectric transducers S1 to S7 for spot photometry for performing photometry of a plurality of distance measurement positions in a spot manner, and a photoelectric transducer W0 for full photometry for performing photometry of the whole photographing areas are integrated on the same semiconductor substrate 107.